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Applicant: Calum E. MacAulay *et al.*

Title: **METHODS AND APPARATUS FOR IMAGING USING A
LIGHT GUIDE BUNDLE AND SPATIAL LIGHT
MODULATOR**

Application No.: 09/738,257

Filing Date: December 14, 2000

Examiner/Unit: /2872

Attorney Docket No.: 1774-4-3

CERTIFICATE OF MAILING OR TRANSMISSION

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Signature

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TO THE COMMISSIONER FOR PATENTS:

In compliance with the duty of disclosure under 37 CFR § 1.56, Applicant submits herewith patents, publications, or other information for consideration during the examination of this application.

In accordance with 37 CFR § 1.97, the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made nor that the

information cited in the statement is or is considered to be "material" to patentability as defined in 37 CFR § 1.56(b).

X Charge any additional fees to Deposit Account No. 07-1897

X A postcard as acknowledgement of receipt of Form PTO-1449 and copies of the documents cited in the attached form are enclosed.

Respectfully submitted,

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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)
1774-4-3Application Number
09/738,257Applicant(s)
Calum E. MacAulay et al.Filing Date
December 14, 2000Group Art Unit
2872

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLAS S	SUBCLASS	FILING DATE IF APPROPRIATE
	4,676,593	6/30/1987	Adachi et al.	350	96.26	
	5,587,832	12/24/1996	Krause	359	385	
	5,659,642	8/19/1997	King et al.	385	16	
	5,742,419	4/21/1998	Dickensheets et al.	359	201	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	EP 022 220	1/14/1981	EP	A 61 B	1/00		
	DE 31 08 389	4/8/1982	DE	G02F	1/01	abstract	
	JP 03 134608	7/6/1991	Japan	G02B	2106	abstract	
	EP 0482 340	4/29/1992	EP	A61B	1/13		
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	WO 99/40471	8/12/1999	PCT	G02B	21/00		
	WO 99/52416	10/21/1999	PCT	A 61 B	1/04		
	EP 1 079 255	2/28/2001	EP	G02B	23/24		

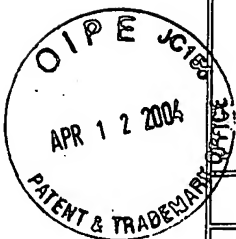
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Nakamura, Osamu et al. "Multispectral Computed-Tomography Microscope for 3-D Material Analysis", <u>Applied Optics</u> . Vol. 29, No. 11; 1671-1674 (1990).
	Kawata, S. et al. "Optical Microscope Tomography. I. Support Constraint", <u>Optical Society of America</u> . Vol. 4, No. 1; 292-297 (1987).
	Nakamura, O. et al. "Optical Microscope Tomography. II. Nonnegative Constraint By a Gradient-Projection Method", <u>Optical Society of America</u> . Vol. 5, No. 4, 554-561 (1988).
	Kawata, S., et al. "Optical Microscope Tomography", <u>Inverse Optics II</u> . Vol. 558, pp 15-20 (1985).
	Kawata, S., et al., "Laser Computed-Tomography Microscope", <u>Applied Optics</u> . Vol. 29, No. 26; 3805-3809. (1990).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)			Docket Number (Optional) 1774-4-3		Application Number 09/738,257	
			Applicant(s) Calum E. MacAulay et al.			
			Filing Date December 14, 2000		Group Art Unit 2872	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,907,425	5/25/1999	Dickensheets et al.	359	224	
	5,930,027	7/27/1999	Mentzer	359	298	
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						YES NO
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		Dabbs, Tim et al. "Fiber-Optic Confocal Microscope: FOCON", <i>Applied Optics</i> . Vol. 31, No. 16; 3030-3035 (1992).				
		Giniūas, L. et al. "Scanning Fibre-Optic Microscope", <i>Electronic Letters</i> , Vol. 27, No. 9; 724-726. (1991).				
		Giniūas, L. et al. "Endoscope with Optical Sectioning Capability", <i>Applied Optics</i> . Vol. 32, No. 16; 2888-2890. (1993).				
		Dickensheets, D.L. et al. "Micromachined Scanning Confocal Optical Microscope", <i>Optics Letters</i> . Vol. 21, No. 10, 764-766. (1996).				
		Gmitro, Arthur F. et al. "Confocal Microscopy Through a Fiber-Optic Imaging Bundle", <i>Optics Letters</i> . Vol. 18, No. 8, 565-567. (1993).				
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		Juskaitis, R. et al. "Confocal Microscopy using Optical Fibre Imaging Bundles", <i>SPIE</i> . Vol. 2655, 92-94 (1996).				
		Lane, Pierre M. et al. "Fiber-Optic Confocal Microscopy Using a Spatial Light Modulator", <i>Optics Letters</i> . Vol. 25, No. 24, 1780-1782 (2000).				
EXAMINER			DATE CONSIDERED			
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